Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
Data File : VD069825.D
Acq On : 23 Jul 2021 13:29
Operator : VA/SY
Sample : M2940-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:04 PM

Quant Time: Jul 24 02:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 24 02:17:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	555418	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	1047480	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	967103	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	421749	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	349729	54.749	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.500%				
35) Dibromofluoromethane	7.914	113	341940	51.783	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.560%				
50) Toluene-d8	10.338	98	1274612	50.059	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.120%				
62) 4-Bromofluorobenzene	12.626	95	397998	46.771	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.540%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	16886	2.888	ug/l		96
3) Chloromethane	2.209	50	22310	2.631	ug/l		95
4) Vinyl Chloride	2.350	62	24738	2.773	ug/l		98
5) Bromomethane	2.773	94	19927	3.411	ug/l		89
6) Chloroethane	2.920	64	15634	2.704	ug/l		99
7) Trichlorofluoromethane	3.273	101	33339	3.028	ug/l		93
8) Diethyl Ether	3.720	74	8257	2.666	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.097	101	20461	2.926	ug/l		97
10) Methyl Iodide	4.303	142	13546	2.217	ug/l	#	96
11) Tert butyl alcohol	5.226	59	7896m	23.889	ug/l		
12) 1,1-Dichloroethene	4.067	96	17919	2.820	ug/l		91
13) Acrolein	3.920	56	4974	10.750	ug/l		96
14) Allyl chloride	4.714	41	23539	2.526	ug/l		97
15) Acrylonitrile	5.414	53	17978	12.339	ug/l		99
16) Acetone	4.167	43	19730	17.098	ug/l		89
17) Carbon Disulfide	4.409	76	62231	2.739	ug/l	#	90
18) Methyl Acetate	4.726	43	10180	3.040	ug/l	#	74
19) Methyl tert-butyl Ether	5.485	73	30768	2.337	ug/l		95
20) Methylene Chloride	4.961	84	143935	13.695	ug/l		98
21) trans-1,2-Dichloroethene	5.467	96	18755	2.505	ug/l		94
22) Diisopropyl ether	6.361	45	41977	2.073	ug/l	#	91
23) Vinyl Acetate	6.303	43	96161	9.915	ug/l		96
24) 1,1-Dichloroethane	6.261	63	38279	2.737	ug/l		97
25) 2-Butanone	7.214	43	19499	12.460	ug/l		99
26) 2,2-Dichloropropane	7.208	77	28681	2.697	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	20358	2.548	ug/l		98
28) Bromochloromethane	7.550	49	13756	2.591	ug/l		93
29) Tetrahydrofuran	7.573	42	10688	10.557	ug/l		94
30) Chloroform	7.714	83	37852	2.692	ug/l		91
31) Cyclohexane	7.985	56	41817	3.350	ug/l	#	61
32) 1,1,1-Trichloroethane	7.902	97	31760	2.729	ug/l		99
36) 1,1-Dichloropropene	8.108	75	29603	2.619	ug/l		96
37) Ethyl Acetate	7.297	43	10200	2.479	ug/l	#	90
38) Carbon Tetrachloride	8.091	117	28496	2.760	ug/l		84
39) Methylcyclohexane	9.355	83	29836	2.305	ug/l		90
40) Benzene	8.355	78	80159	2.448	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
Data File : VD069825.D
Acq On : 23 Jul 2021 13:29
Operator : VA/SY
Sample : M2940-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:04 PM

Quant Time: Jul 24 02:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 24 02:17:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	5389	2.495	ug/l	#	80
42) 1,2-Dichloroethane	8.420	62	22209	2.564	ug/l		100
43) Isopropyl Acetate	8.455	43	17545	2.377	ug/l		95
44) Trichloroethene	9.108	130	20620	2.557	ug/l		85
45) 1,2-Dichloropropane	9.385	63	21550	2.505	ug/l		100
46) Dibromomethane	9.473	93	11005	2.603	ug/l		96
47) Bromodichloromethane	9.655	83	27711	2.522	ug/l		87
48) Methyl methacrylate	9.455	41	8456m	2.381	ug/l		
49) 1,4-Dioxane	9.455	88	2387	53.433	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.226	43	40998	10.675	ug/l		97
52) Toluene	10.396	92	49959	2.515	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	22337	2.422	ug/l		90
54) cis-1,3-Dichloropropene	10.091	75	27093	2.427	ug/l		97
55) 1,1,2-Trichloroethane	10.796	97	14166	2.372	ug/l	#	80
56) Ethyl methacrylate	10.661	69	13240	2.025	ug/l		90
57) 1,3-Dichloropropane	10.943	76	25085	2.482	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.944	63	32588	11.634	ug/l		98
59) 2-Hexanone	10.979	43	28209	11.104	ug/l		94
60) Dibromochloromethane	11.132	129	16645	2.461	ug/l		98
61) 1,2-Dibromoethane	11.238	107	12891	2.397	ug/l		92
64) Tetrachloroethene	10.873	164	16943	2.748	ug/l		95
65) Chlorobenzene	11.667	112	52421	2.616	ug/l	#	85
66) 1,1,1,2-Tetrachloroethane	11.738	131	18118	2.514	ug/l		96
67) Ethyl Benzene	11.738	91	80743	2.289	ug/l		98
68) m/p-Xylenes	11.849	106	56163	4.107	ug/l		100
69) o-Xylene	12.173	106	24293	1.954	ug/l		93
70) Styrene	12.190	104	40290	1.870	ug/l		96
71) Bromoform	12.355	173	9215	2.633	ug/l	#	100
73) Isopropylbenzene	12.473	105	65366	2.157	ug/l		99
74) N-amyl acetate	12.279	43	13335	2.139	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.720	83	16366	2.704	ug/l		94
76) 1,2,3-Trichloropropane	12.773	75	9399m	2.097	ug/l		
77) Bromobenzene	12.755	156	17558	2.573	ug/l		98
78) n-propylbenzene	12.814	91	93685	2.407	ug/l		99
79) 2-Chlorotoluene	12.902	91	53618	2.372	ug/l		97
80) 1,3,5-Trimethylbenzene	12.949	105	55847	2.154	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	3903m	2.641	ug/l		
82) 4-Chlorotoluene	13.002	91	55698	2.357	ug/l		97
83) tert-Butylbenzene	13.214	119	46675	2.215	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	52311	2.046	ug/l		98
85) sec-Butylbenzene	13.396	105	71748	2.153	ug/l		98
86) p-Isopropyltoluene	13.508	119	54744	2.022	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	36588	2.553	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	38927	2.726	ug/l		87
89) n-Butylbenzene	13.832	91	59840	2.240	ug/l		99
90) Hexachloroethane	14.102	117	14623	2.550	ug/l		95
91) 1,2-Dichlorobenzene	13.879	146	31871	2.577	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2742	3.147	ug/l		86
93) 1,2,4-Trichlorobenzene	15.155	180	18421	2.761	ug/l		96
94) Hexachlorobutadiene	15.255	225	11710	2.869	ug/l		98
95) Naphthalene	15.384	128	27740	2.329	ug/l		96
96) 1,2,3-Trichlorobenzene	15.579	180	14138	2.450	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
Data File : VD069825.D
Acq On : 23 Jul 2021 13:29
Operator : VA/SY
Sample : M2940-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:04 PM

Quant Time: Jul 24 02:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 24 02:17:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
Data File : VD069825.D
Acq On : 23 Jul 2021 13:29
Operator : VA/SY
Sample : M2940-01 2.5PPBLOD
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 24 02:17:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 24 02:17:06 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:04 PM